

Arboviral Surveillance Report

September 12th, 2022

Surveillance

This report provides data on Week 36 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid and BG Sentinel traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were nine (9) WNV positive mosquito pools.

Mosquitoes (data from 75 traps)

Week 36 (9/5/22 – 9/9/22)	
Total Collections (Number of Traps X Frequency of Collection)	75
Number of Female <i>Culex</i> Trapped and Tested	987
Number of Pools Tested	59
Number of Pools Positive	9
Number of Community Areas with Positive Mosquito Pools	4
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1762
Number of Female <i>Culex</i> Trapped and Tested	10,700
Number of Pools Tested	866
Number of Pools Positive	79
Number of Community Areas with Positive Mosquito Pools	26

Community Areas with Positive Mosquito Pools (cumulative):

North Park, Lincoln Square, Roseland, O'Hare, Austin, West Town, Beverly, Dunning, East Garfield Park, North Lawndale, West Pullman, South Deering, Forest Glen, Norwood Park, Irving Park, Rogers Park, Lake View, Edgewater, Lincoln Park, Englewood, Edison Park, Pullman, Ashburn, Gage Park, Belmont Cragin and Chicago Lawn.

Dead Birds: 5 - 5 unable to test

***Aedes albopictus* (cumulative):** 2343 females and 682 males

Humans: 3

Risk Assessment

The risk of human West Nile virus infection in the city is moderate.

Larval and Adult Mosquito Control Efforts

Crews continue to assess the need for additional larval control as dictated by the summer long surveillance activities. They will focus on areas where elevated WNV has been detected. At this time, no truck mounted ULV adulticide applications are warranted.